#3

06/25° OIPE

RAW SEQUENCE LISTING

DATE: 07/02/2001

PATENT APPLICATION: US/09/767,215

TIME: 16:52:23

Input Set : A:\07334-142001.txt

Output Set: N:\CRF3\07022001\1767215.raw

ENTERED

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		gggtc (233
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		er Leu														
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		ln Pro														505
64	V.		P	110			001		115		I			120		
	toc a	ag ctg	acc		tac	cta	act	aaa		atc	aac	age	cta		gag	617
		ys Leu														01/
-,		,u		~±u	$\cup_I \cup$			1	*****						~	

RAW SEQUENCE LISTING

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	_	Lei	ı Lys	Glu			Glu	Lys	Leu	_		Leu	Thr	Phe		Leu	
104					270					275					280		
			-	_		_		_	_	_	-					agc	1097
		Glu	ı Lys	_		Leu	Glu	Gln	Ser	Leu	ı Asp	_ Cli	ר ו ת	, λ ~ ~~	ഭവിയ		
108				285	,						<u>-</u>	Giu	АТа	_		Ser	*
		cag	T CAC						290		_			295	5		
	7 ~~~								cac	tcg	ctg	cgg	gag	295 cg/g	gcc gcc	gtg	1145
112	_	Glr	ı Glu	Leu				Ile	cac His	tcg	ctg	cgg	gag Glu	295 cgg Arg	5	gtg	1145
	}		300	Leu	ı Val	Glu	Arg	11e 305	cac His	tcg Ser	ctg Leu	cgg Arg	gag Glu 310	295 r cgg r Arg	g gcc Ala	gtg Val	
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115	gct Ala	gco Ala	300 300 gag Glu	Leu agg	val cag	Glu cga	Arg gag Glu	Ile 305 cag	cac His	tcg Ser	r ctg Leu r gaa	cgg Arg gag Glu	gag Glu 310 aag	295 r cgg r Arg	g gcc Ala	gtg Val	
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115 116 118 119 120 122 123 124 126 127	gct Ala Ctg Leu 330 aag Lys gac Asp	gco Ala 315 cto Leu gto Val	gaga Glu	agg Arg ttc Phe gcg Ala tac Tyr	val cag Gln cag Gln ctg Leu 350 ccs	cga Arg aag Lys 335 cag Gln	gag Glu 320 agt Ser gcc Ala agg	aag Lys cag Gln gac	tac Tyr atg Met gtg Val agt Ser 370	tcg Ser tgg Trp gcc Ala tgc Cys 355 gct	gaa Glu tgc Cys 340 gag Glu cag	cgg Arg gag Glu 325 caa Gln ctg Leu agg	gag Glu 310 aag Lys ctc Leu cag Gln	295 y cgg y gaa y	g gcc g Ala cag g Gln agg g Arg g Glu 360 t tcc	gtg Val acc Thr gag Glu 345 cga Arg	1193 1241 1289 1337
115 116 118 119 120 122 123 124 126 127 128 130	gct Ala ctg Leu 330 aag Lys gac Asp	gco Ala 315 cto Lev gto Val cag	Glu 300 gag Glu	agg Arg ttc Phe gcg Ala tac Tyr 365 gag	val cag Gln cag Gln ctg Leu 350 csc Ser	cga Arg aag Lys 335 cag Gln gcg	gag Glu 320 agt Ser gcc Ala agg Arg	Ile 305 cag Gln aag Lys cag Gln gac	tac Tyr atg Met gtg Val agt Ser 370	tcg Ser tgg Trp gcc Ala tgc Cys 355 gct Ala	ctg Leu gaa Glu tgc Cys 340 gag Glu cag	gag Glu 325 caa Gln ctg Leu agg	gag Glu 310 aag Lys ctc Leu cag Gln gag	295 I Cgg I Arg I gaa I tac I Tyr I aag I Lys I att I 16 I 375 I gag	g gcc g Ala cag g Gln c agg G Arg g gag G Glu 360 c tcc Ser	gtg Val acc Thr gag Glu 345 cga Arg cag Gln	1193 1241 1289
115 116 118 119 120 122 123 124 126 127 128 130	gct Ala Ctg Leu 330 aag Lys gac Asp	gco Ala 315 cto Lev gto Val cag	Glu 300 gag Glu	agg Arg ttc Phe gcg Ala tac Tyr 365 gag Glu	val cag Gln cag Gln ctg Leu 350 csc Ser	cga Arg aag Lys 335 cag Gln gcg	gag Glu 320 agt Ser gcc Ala agg Arg	Ile 305 cag Gln aag Lys cag Gln gac	tac Tyr atg Met yal agt Ser 370 cgc	tcg Ser tgg Trp gcc Ala tgc Cys 355 gct Ala	ctg Leu gaa Glu tgc Cys 340 gag Glu cag	gag Glu 325 caa Gln ctg Leu agg	gag Glu 310 aag Lys ctc Leu cag Gln gag	295 7 cgg 7 Arg 8 gaa 8 Glu 9 tac 1 Tyr 1 aag 1 Lys 1 att 1 375 9 gag	g gcc g Ala cag g Gln agg g Arg g Glu 360 t tcc	gtg Val acc Thr gag Glu 345 cga Arg cag Gln	1193 1241 1289 1337

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148	дор	Ser	лэр	445	Ser	ьeu	AGT	Ser	450	1111	GIU	SCI	GIII	455	пси	Der	
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156		475					480					485	4				
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162	ccg	gag	gga	gac	ccg	gga	gcc	ctg	ccg	gga	gct	aag	gca	ggc	gac	cca	1769
163	Pro	Glu	Gly	Asp	Pro	Gly	Ala	Leu	Pro	Gly	Ala	Lys	Ala	Gly	Asp	Pro	
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192		-	620					625			-		630			_	
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		Thr									Arg						
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206	cqq	qtc	aac	ctg	qcc	atq	gag	ggc	agg	qcc	aaa	qqq	gag	ctq	cag	gtg	2297
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208	_			685				-	690		-	-		695			
210	cat	tqc	aac	gag	gtc	ctq	cac	gtc	acc	gac	acc	atg	ttc	cag	ggc	tgc	2345
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212		_	700					705		_			710		_	_	
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218	gcc	gcg	cac	ggc	acc	atc	ccc	aac	tac	tcc	agg	gct	cag	cag	cag	ctc	2441
219	Ala	Ala	His	Gly	Thr	Ile	Pro	Asn	Tyr	Ser	Arg	Ala	Gln	Gln	Gln	Leu	
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223	Ile	Ala	Leu	Ile	Gln	Asp	Met	Thr	Gln	Gln	Cys	Thr	Val	Thr	Arg	Lys	
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	810		•			815					820					825	
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256	тте		GIU	стА	GIU	val		GTÅ	сту	Arg	Cys		Val	THE	нта	птъ	
	ac+	875	~~~	+~~	a+ ~	a+~	880	324	337	3.00	as+	885	ata	at a	a = a	ata	2021
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264					910					915					920		
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	Val																3017
268	Vai	TIE	птэ	925	261	vai	Poli	GIU	930	Mec	AIu	цуз	цуз	935	בענו	цуз	
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271	GIY	ьeu	940	Arg	ьeu	GIY	1111	945	GIU	GIU	GIII	ьец	950	GIU	нта	ATa .	
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	Arg																3113
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	ctg																3101
	Leu	Ата	PLO	Asp	СТУ		ser	ASP	ьeu	ASP		ьeu	Leu	ser	Cys		
	970					975					980		+			985	2200
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/767,215

DATE: 07/02/2001 TIME: 16:52:24